

EXHIBIT 48

From: Jos Lans [jos.lans@luwa.nl]
Sent: Sunday, January 17, 2010 6:11 AM
To: Hansen, Gary; Johan Verhagen
Cc: Van Duren, Al; Martin Stork; Dennis Verweij
Subject: RE: Laminar Flow Testing

Dear Gary,

I check if Hybeta have a manikin in case the don't I will ask them if they have any ideas.

We keep in contact and looking forward to meet you in Amersfoort!

Kind Regards,

Jos

Van: Hansen, Gary [mailto:ghansen@arizant.com]
Verzonden: zaterdag 16 januari 2010 0:00
Aan: Johan Verhagen
CC: Jos Lans; Van Duren, Al
Onderwerp: RE: Laminar Flow Testing

Thank you for the advice. We will stay at the NH on Friday and Saturday night. Then, find a hotel near the Airport for Sunday night.

For the manikin, is this readily obtained? I assumed it would give us more repeatable measurements than using a live person under the blanket. However, if a manikin is hard to get, we can just use a blanket and drape alone. Jos, do you have any ideas about this?

Gary

From: Johan Verhagen [mailto:J.Verhagen@medeco.nl]
Sent: Friday, January 15, 2010 7:36 AM
To: Hansen, Gary
Cc: Jos Lans
Subject: RE: Laminar Flow Testing

Dear Gary,

Just spoke with Jos.

He is happy with the approach taken. Also the payment that you do the first and Luwa pays the second is okay. All is possible on the 30th and probably even on the evening before when they will build first up. So you can imagine that the Sunday is not available.

In the attachment we see that you want to work with a manikin. We have to come up with a solution for that.

The protocol you submit has to be imbedded in the complete set up and is up to Jos and Hybeta in my opinion.

Staying over:

We advice to sleep in the NH hotel in Amersfoort, very close, on walking distance even, to the train station. This hotel is of good business quality.

<http://www.nh-hotels.nl/nh/nl/hotels/nederland/amersfoort/nh-amersfoort.html?nhagentid=10167&nhsubagentid=101670000000>

Also Schiphol airport has in the building the platform for the trains.

Probably for arrival not the most comfortable traveling but for your departure to Amsterdam and the last night the simple alternative.

Any questions feel free to ask.

Best regards

Johan Verhagen

Category manager

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Van: Hansen, Gary [mailto:ghansen@arizant.com]

Verzonden: donderdag 14 januari 2010 19:05

Aan: Johan Verhagen

CC: Van Duren, Al; Buehler, Bob; Maharaj, Gary

Onderwerp: Laminar Flow Testing

Hello Johan,

It was a pleasure to speak with you this morning. Al Van Duren and I have tickets on hold to arrive on Friday morning and depart Monday morning. (See attached itinerary.) I assume we'll stay in Amersfoort on Friday and Saturday night, and find a hotel in Amsterdam, near the airport, on Sunday night.

Also attached is the first draft of the tests we propose to do. I can send Jos a copy, or you can do this as well. The bubble generator we propose to bring is made by Sage Action Inc. (<http://www.sageaction.com/>). You mentioned that Jos would be interested in the technique.

At this point, we need to make sure Jos is OK with the testing locations and the financial arrangements. (Arizant pays for the first test in Amersfoort – about \$10,000 USD, and Telstar pays for the second test in Amsterdam.) I understand you will check this with him. Then, I will contact him directly about the details of the protocol.

Thanks again for all of your help. Please let us know as soon as possible if there is any concern.

Gary

*Gary Hansen, Ph.D.
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Arizant Healthcare Inc.
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From: Hansen, Gary
Sent: Thursday, January 14, 2010 12:05 PM
To: Johan Verhagen
Cc: Van Duren, Al; Buehler, Bob; Maharaj, Gary
Subject: Laminar Flow Testing
Attachments: 75Z9OX.rtf; Netherlands Laminar Flow Testing Protocol v1.docx

Hello Johan,

It was a pleasure to speak with you this morning. Al Van Duren and I have tickets on hold to arrive on Friday morning and depart Monday morning. (See attached itinerary.) I assume we'll stay in Amersfoort on Friday and Saturday night, and find a hotel in Amsterdam, near the airport, on Sunday night.

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Gary

*Gary Hansen, Ph.D.
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From: Hansen, Gary
Sent: Wednesday, December 30, 2009 4:19 PM
To: Maharaj, Gary; Woodwick-Sides, Teri; Rock, John; Stender, Jana; Van Duren, Al
Subject: Attorney-Client Privilege -- Russ Olmsted Reply
Attachments: RE UK program.txt; OR with Forced Air Warmer-NIH Study.pdf

I just spoke with Russ; he is available for a call tomorrow (31st) at 10:00.

Awhile back, Russ sent an inquiry to Dr. Farhad Memarzede, the NIH expert on laminar flow. Instead of just sending back his opinion, Memarzede did a full computation and forwarded the report. (!) The results show that the use of BH causes small alterations in the path of particles shed by clinicians, but in neither case do the particles reach the patient. Russ mentioned the possibility of publishing a letter to the editor. I asked if a full journal article would be possible. Russ thought it would.

I also sent Russ a copy of the Albrecht/Leaper paper for his comment.

Gary

From: Van Duren, Al
Sent: Wednesday, December 30, 2009 2:34 PM
To: Clinical Research Team
Subject: OR HVAC Attorney-Client Privileged communication
Attachments: RE: RE: University General Hospital

The HVAC and mechanical services for TRIA are provided by Northmarq Real Estate Services. I spoke to Jim Glassing at Northmarq about the ORs at TRIA, and he thought that they were all designed to be vertical laminar flow; however, he was unable to find any engineering drawings, and he didn't seem to have a very detailed knowledge of the HVAC operation in the operating rooms. He did tell me that the HVAC systems were designed by Metropolitan Mechanical Contractors. Although Metropolitan appears to have extensive HVAC experience with some very large projects, they do not list operating room design as one of their areas of expertise on their Website.

Precision Air Products is a Hopkins, Minnesota company that sells laminar airflow diffusers for operating rooms. They have worked with Metropolitan, but they recommended Doody Mechanical as a preferred contractor. A standard size OR diffuser costs about \$5000, but the air handling unit, HEPA filters, ducting, and labor are extra. Precision Air sells several types of laminar air systems: the Lami-Aire Gard, and the Ultraclean Class C systems known as the Ortho Island and the Cardio Island. The Lami-Aire Gard is required by VA hospitals. Within Minnesota, the Precision Air systems are located in Methodist (St. Louis Park), St. Mary's (Duluth), St. Cloud and Centracare (both in St. Cloud). The ASHRAE 170 standard describes the requirements for laminar flow operating rooms, but for our purposes, the important requirement is a minimum 90 ft/min airflow velocity. Class A rooms require 25 room exchanges/h and class C (orthopedic) rooms require 35-70 exchanges/h.

Precision Air has a small lab to test diffusers, but they do not have a full-sized OR. They were not opposed to us visiting their test facility.

I have attached the Moretti e-mails from Medival to this e-mail.

Al

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From: Rock, John
Sent: Monday, December 28, 2009 4:44 PM
To: Stender, Jana; Rock, John
Cc: Maharaj, Gary; Woodwick-Sides, Teri; Hansen, Gary; Van Duren, Al
Subject: RE: Testing of laminar flows

REDACTED

-----Original message-----

From: Stender, Jana <jstender@arizant.com>
Sent: Monday, December 28, 2009 9:01 AM
To: Rock, John <jrock@arizant.com>
Cc: Maharaj, Gary <gmaharaj@arizant.com>; Woodwick-Sides, Teri <twoodwick@arizant.com>; Hansen, Gary <ghansen@arizant.com>; Van Duren, Al <avanduren@arizant.com>
Subject: RE: Testing of laminar flows

REDACTED

From: Rock, John
Sent: Wednesday, December 23, 2009 10:05 AM
To: Hansen, Gary; Van Duren, Al; Stender, Jana
Cc: Maharaj, Gary
Subject: Testing of laminar flows

REDACTED

From: Hansen, Gary
Sent: Monday, December 28, 2009 2:02 PM
To: Woodwick-Sides, Teri; Stender, Jana
Cc: Van Duren, Al; Bieberich, Mark
Subject: Flow Visualization - Attorney Client Privilege
Attachments: IMG_1199.JPG; IMG_1208.JPG; IMG_1212.JPG

For our meeting.

Gary